

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1. (currently amended) Method of discovery, by a terminal ~~{60}~~ connected to an Internet Protocol (IP) ~~IP~~ type network, of (Digital Video Broadcast (DVB) DVB services on the IP type network, wherein characterized ~~in that it comprises at least the following steps :~~

- the terminal uses a first IP transmission address and a first port number to receive ~~{70}~~ a transport stream transmitted to this IP address on this port ;
- the terminal extracts ~~{71}~~ from the said stream at least the networks information table (NIT) ;
- the descriptors of networks contained in the said networks information table ~~{NIT}~~ designating IP transmission addresses and the associated ports, the terminal connects ~~{72}~~ to at least part of the transport streams transmitted to the said IP addresses on the said ports so as to read the associated service description table (SDT) ;
- the terminal uses this information to construct ~~{73}~~ a possibly unitary list of the services available on the network.

2. (original) Method according to Claim 1 where the first IP transmission address and the first port number are entered by the user.

3. (original) Method according to Claim 1 where the first IP address and the first port number are obtained from the network by the terminal.

4. (currently amended) Method according to ~~one of~~ Claims 1 ~~to 3~~ where the streams contain only a single DVB service.

5. (currently amended) Method according to ~~one of Claims 1 to 4~~ where the list of services is included in the NIT contained in the stream available at the first IP transmission address on the first port.

6. (currently amended) Device possessing means to connect to an Internet Protocol (IP) IP transmission address via means of connection to an IP network and means of decoding of Digital Video Broadcast (DVB) DVB streams transmitted to this IP transmission address, wherein ~~characterized in that~~ the means of decoding of DVB streams have the capacity to analyse an networks information table (NIT) NIT, extracted from the stream, containing network descriptors suitable for the IP network and to connect to each IP transmission address described in the said NIT so as to read therefrom a DVB stream and extract therefrom the information on the services offered on the network ~~preferably according to any one of the methods according to the previous claims.~~

7. (currently amended) Descriptor of a service for transmitting a Digital Video Broadcast (DVB) DVB stream intended to be included in an network information table (NIT) wherein ~~characterized in that~~ it contains the Internet Protocol (IP) IP transmission address of a stream server and a port number on which the said server transmits a DVB stream over an IP type network.